



Figure 1.

Peptide sequences used for immunization experiments.

GnRH peptides:

- A: /EHWSYGLRPGQHWSYGLRPGC(palm)-NH₂ (thioester) (SEQ. I.D. NO. 1)
 B: /EHWSYGLRPGQHWSYGLRPGK(palm)-NH₂ (amide) (SEQ. I.D. NO. 1)
 /E = pyroglutamic acid

CPV peptides:

- C: ac-CysSDGAVQPDGGQP^{AVRNERATG-NH₂} (SEQ. I.D. NO. 2)
 palm-CysSDGAVQPDGGQP^{AVRNERATG-NH₂}
 (disulfide)
- D: palm-CysSDGAVQPDGGQP^{AVRNERATG-NH₂} (amide) (SEQ. I.D. NO. 2)
 E: ac-Cys(palm)SDGAVQPDGGQP^{AVRNERATG-NH₂} (thioester) (SEQ. I.D. NO. 2)
 F: ac-Cys(MBS-KLH)SDGAVQPDGGQP^{AVRNERATG-NH₂}
 (conjugated) (SEQ. I.D. NO. 2)
 G: ac-Cys(CH₂-C₆-NH₂)SDGAVQPDGGQP^{AVRNERATG-NH₂}
 (blocked) (SEQ. I.D. NO. 2)

FIV peptides:

- H: ac-Cys(palm)RAISSWKQRNRWEWRPD-NH₂ (thioester) (SEQ. I.D. NO. 3)
 I: ac-Cys(CT)RAISSWKQRNRWEWRPD-NH₂ (conjugated) (SEQ. I.D. NO. 3)

SEQUENCE LISTING



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DALSGAARD, Kristian
MELOEN, Robert Hans

<120> VACCINE COMPRISING ANTIGENS BOUND TO CARRIERS THROUGH
LABILE BONDS

<130> 2183-3898US

<140> PCT/NL97/00354

<141> 1997-06-24

*Sub
C₂*

<160> 6

<170> PatentIn Ver. 2.1

<210> 1

<211> 20

<212> PRT

<213> Unknown Organism

<220>

<223> Initial Xaa is pyroglutamic acid. Terminal Xaa
can be Cys with a thioester bond to palmitic
acid, or lysine bound to palmitic acid as an
amide.

<220>

<223> Description of Unknown Organism:Organism unknown,
construct based on GnRH.

<400> 1

Xaa His Trp Ser Tyr Gly Leu Arg Pro Gly Gln His Trp Ser Gly Leu
1 5 10 15

Arg Pro Gly Xaa

20

<210> 2

<211> 22

<212> PRT

<213> Canine Parvovirus

<220>
<223> Xaa is Cys which may be acetylated, palmitoylated,
conjugated to another peptide chain via a
disulfide bond, is absent, or any combination
thereof.

<220>
<223> Xaa is Cys which may be acetylated, palmitoylated,
conjugated to another peptide chain via a
disulfide bridge, is absent, or any combination
thereof.

Sub C²

<400> 2
Xaa Ser Asp Gly Ala Val Gln Pro Asp Gly Gly Gln Pro Ala Val Arg
1 5 10 15

Asn Glu Arg Ala Thr Gly
20

<210> 3
<211> 18
<212> PRT
<213> Feline Immunodeficiency Virus

<220>
<223> Xaa is Cys that is (alone or in combination)
acetylated, bound to palmitic acid via a thioester
bond, conjugated or can be absent.

<400> 3
Xaa Arg Ala Ile Ser Ser Trp Lys Gln Arg Asn Arg Trp Glu Trp Arg
1 5 10 15

Pro Asp

<210> 4
<211> 13
<212> PRT
<213> Unknown Organism

<220>
<223> Description of Unknown Organism: Model Peptide

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<223> Initial Cys is bound to palmitic acid via a
thioester bond.

<400> 4

Cys Ser Glu Ile Phe Arg Pro Gly Gly Asp Met Arg
1 5 10

<210> 5

<211> 10

<212> PRT

<213> Unknown Organism

Sub C2

<220>

<223> Description of Unknown Organism: Model Peptide

<220>

<223> Initial Cys is bound to palmitic acid via a
thioester bond.

<400> 5

Cys Val Ala Thr Gln Leu Pro Ala Ser Phe
1 5 10

<210> 6

<211> 22

<212> PRT

<213> canine parvovirus

<400> 6

Cys Ser Asp Gly Ala Val Gln Pro Asp Gly Gly Gln Pro Ala Val Arg
1 5 10 15

Asn Glu Arg Thr Ala Gly

20